



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/552,077

10/04/2005

Jeroom Frans Marie Leurs

NL 030350

6549

24737

7590

02/21/2008

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

WILLIAMS, AARON

ART UNIT

PAPER NUMBER

4135

MAIL DATE

DELIVERY MODE

02/21/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/552,077	Applicant(s) LEURS, JEROOM FRANS MARIE	
	Examiner Aaron Williams	Art Unit 4135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/04/2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 October 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1 - 10 are rejected under 35 U.S.C. 102(b) as being anticipated by EP 1071313 A1 to Hanahara et al.**

4. Regarding claim 1 Hanahara discloses in Fig. 5 A two-sided light emitting device comprising a first light emitting device (Top half of element 27) having a first light emitting surface (3 A), a second light emitting device (bottom half of element 27) having a second light emitting surface (3), a first substrate light-transmissive (15A) for light emitted by the first light emitting device (top half of element 27), a second substrate light- transmissive (15) for light emitted by the second light emitting device (bottom half of element 27) and fastening means (25 Refer to column 6 line 15 through 55) fastening the first substrate to the second substrate wherein the first (15A) and second (15 column 6 lines 15 through 50) substrate are arranged parallel and spaced to one another, the first light emitting device (top half of element 27) is, with the first light emitting surface (3A) facing the first substrate (15A), provided on a side of the first

Art Unit: 4135

substrate (15 A) facing the second substrate (15) providing the two-sided light emitting device with a first light emission (Top half of element 27) side and the second light emitting device (bottom half of element 27) is, with the second light emitting surface (3) facing the second substrate (15), provided on a side of the second substrate (15) facing the first substrate (15A) providing the two-sided light emitting device with a second light emission side (15) opposite the first.

5. Regarding Claim 2 Hanahara discloses in Fig. 5, A two-sided light emitting device as claimed in claim 1 wherein at least the first or second light emitting device is an organic, low molecular or polymer, electroluminescent device (3, 3A). Refer to column 4 lines 58 through column 5 line 5 where Zinc sulfide in high electric resin such as fluorine-contained rubber is considered the polymer that meet the limitations of this claim.

6. Regarding Claim 3 Hanahara discloses in Fig. 6, A two-sided light emitting device as claimed in claim 1 wherein the fastening means is a perimeter seal (29) providing, in co-operation with the first (15A) and second (15) substrate, a closed housing for the first (Top half of element 27) and second (bottom half of element 27) light emitting device.

7. Regarding Claim 4 Hanahara discloses in Fig. 5, A two-sided light emitting device as claimed in claim 3 wherein the perimeter seal (15 refer to column 3 lines 46 through 47) is formed of organic adhesive material (epoxy resin) and, optionally, comprises a getter for gettering oxygen and/or water arranged within the closed housing. The getter is not necessary as the limitation is optional.

Art Unit: 4135

8. Regarding Claim 5 Hanahara discloses in Fig. 5, A two-sided light emitting device as claimed in claim 1 wherein the first (15 A) and/or second (15) substrate comprises a sheet of glass or, in combination with one or more barrier layers impervious to water and/or oxygen, synthetic resin (polyester). Refer to column 3 lines 46 through 47.

9. Regarding Claim 6 Hanahara discloses in Fig. 5, A two-sided light emitting device as claimed in claim 1 wherein the first (15A) and/or second (15) substrate is an integral part of the first (Top half of element 27) and/or the second (bottom half of element 27) light emitting device respectively.

10. Regarding Claim 7 Hanahara discloses in Fig. 6, A two-sided light emitting device as claimed in claim 1 wherein at least the first (Top half of element 27) or the second (Top half of element 27) light emitting device is a display device. Refer to column 7 lines 60 through column 1 lines 25.

Regarding Claim 8 Hanahara discloses in Fig. 6, A two-sided light emitting device as claimed in claim 7, wherein the first light emitting device (Top half of element 27) is a stand-by display and the second (bottom half of element 27) light emitting device is a display-on-demand display. Refer to column 7 lines 60 through column 1 lines 25. The Examiner notes that the limitation in claim 8, "wherein the first light emitting device is a stand-by display and the second light emitting device is a display-on-demand display" is an intended use type limitation. A recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention over

Art Unit: 4135

the prior art. If the prior art structure is capable of performing the intended use then it meets the claim. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

11. Regarding Claim 9 Hanahara discloses in Fig. 6, A mobile phone having a two-sided light emitting device as claimed in claim 1. Examiner considers a "mobile phone" to be a portable audio device, refer to column 7 lines 1 through 13.

12. Regarding Claim 10 Hanahara discloses in Fig. 6, A two-sided light emitting device as claimed claim 1 wherein at least the first (Top half of element 27) or the second (bottom half of element 27) light emitting device is a lighting device. It is well known in the art that "light emitting device" is synonyms with "lighting device".

Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following prior art are cited to further show the state of the art of two-sided light emitting device. Each one of the following the U.S. Patents have the feature of having a dual display.

14. U.S. Patent 5,707,745 to Forrest et al. on Jan. 13, 1998.

15. U.S. Patent 6,614,057 to Silvernail et al. on September 2, 2003.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aaron Williams whose telephone number is (571) 270-5279. The examiner can normally be reached on Monday thru Friday 7:00 to 5:00 EST.

Art Unit: 4135

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Brewster can be reached on (571)272-1854. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Aaron Williams/
Examiner, Art Unit 4135

/William M. Brewster/
Supervisory Patent Examiner, Art Unit 4135